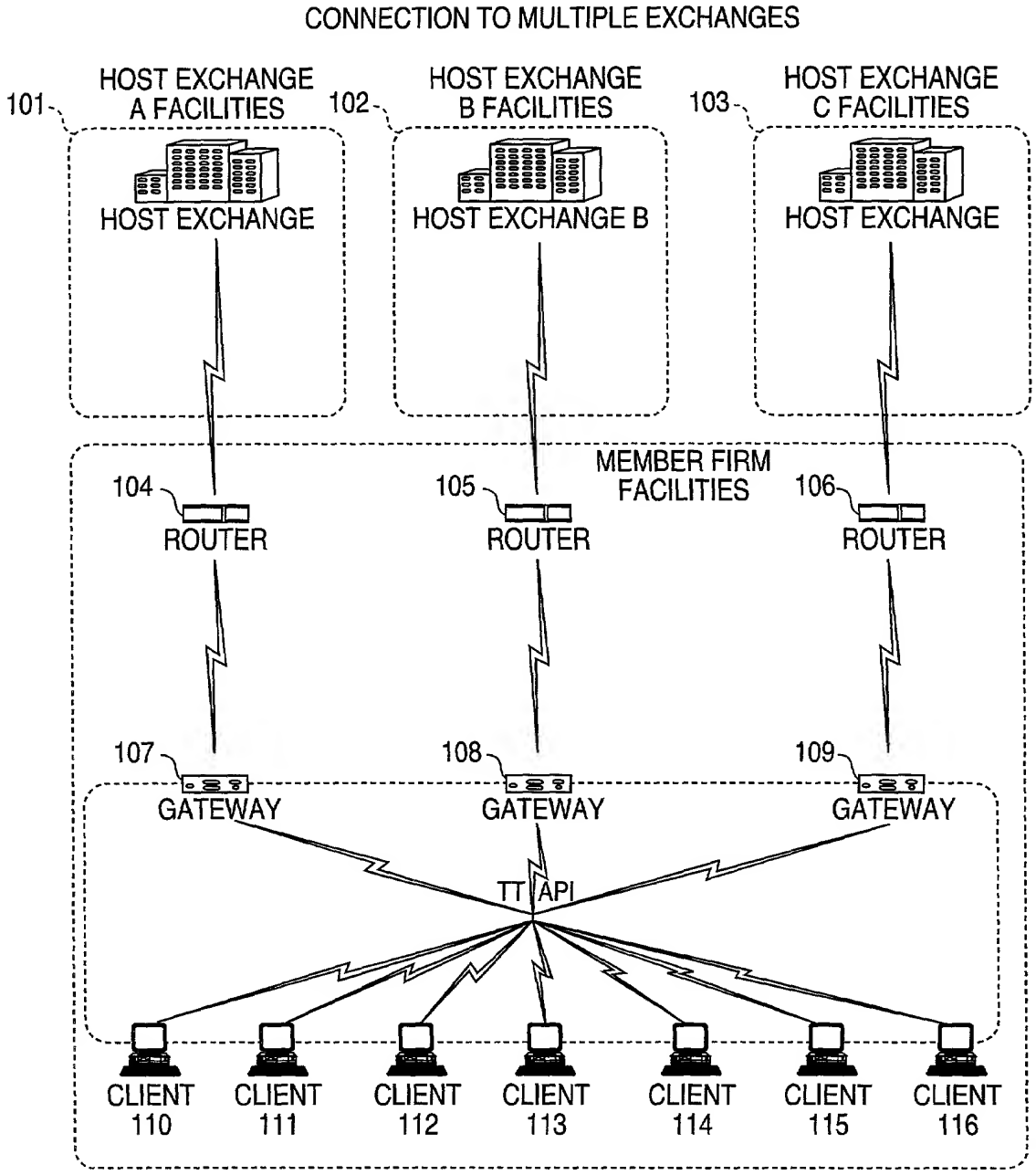
0597087 "100501

FIG. 1



EASTAT - 2801760

FIG. 2

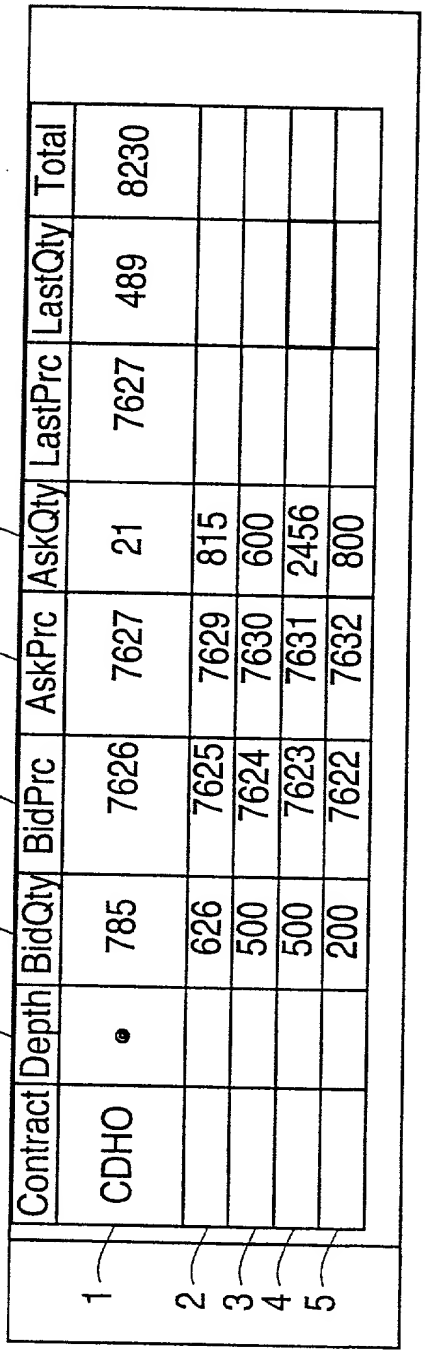


FIG. 3

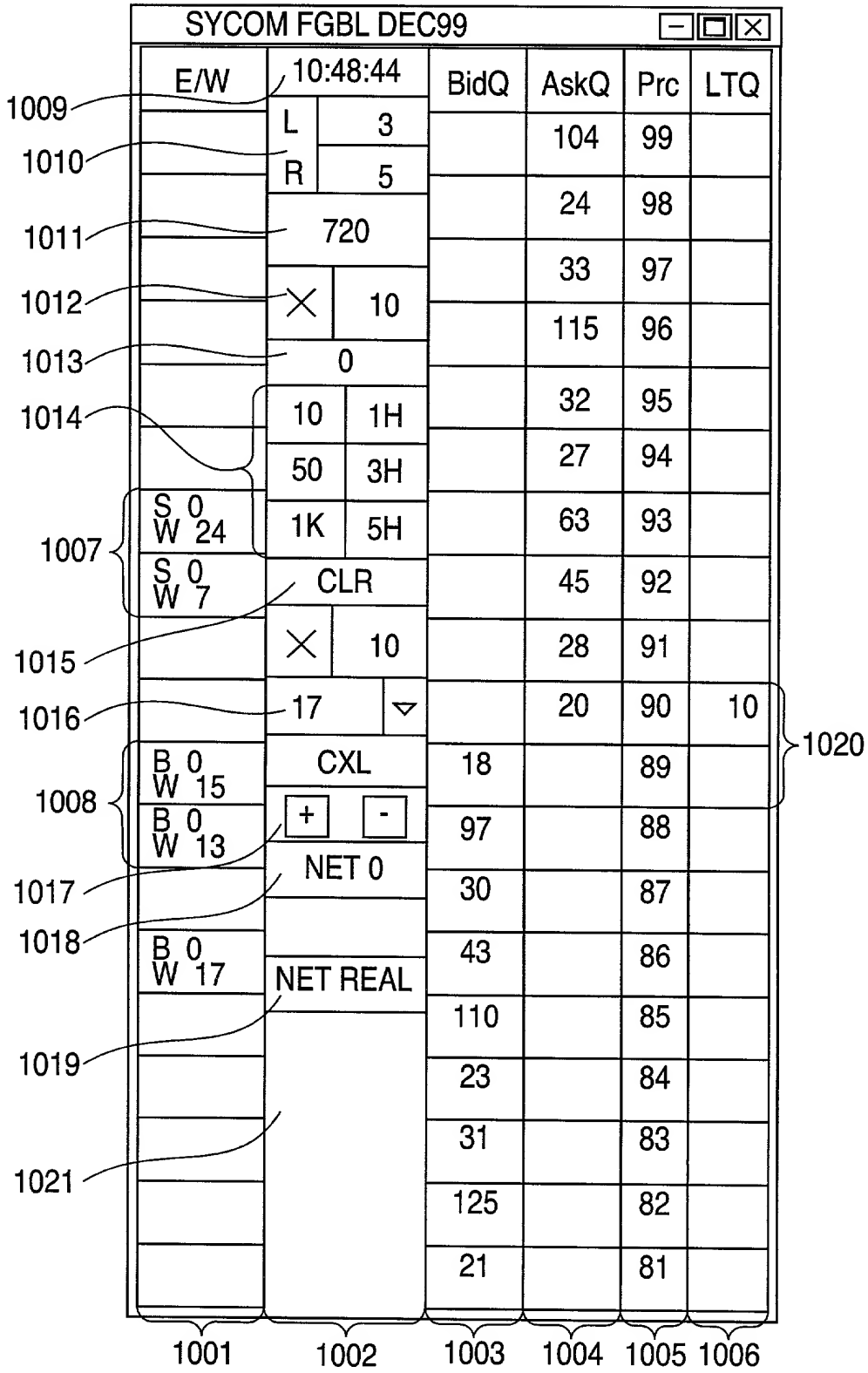

SYCOM FGBL DEC99
E/W
10:48:44
BidQ
AskQ
Prc
LTQ
L 3
R 5
720
10
0
10 1H
50 3H
1K 5H
CLR
10
17
CXL
+ -
NET 0
NET REAL
S 0 W 24
S 0 W 7
B 0 W 15
B 0 W 13
B 0 W 17
104 99
24 98
33 97
115 96
32 95
27 94
63 93
45 92
28 91
20 90 10
18 89
97 88
30 87
43 86
110 85
23 84
31 83
125 82
21 81
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021

FIG. 4

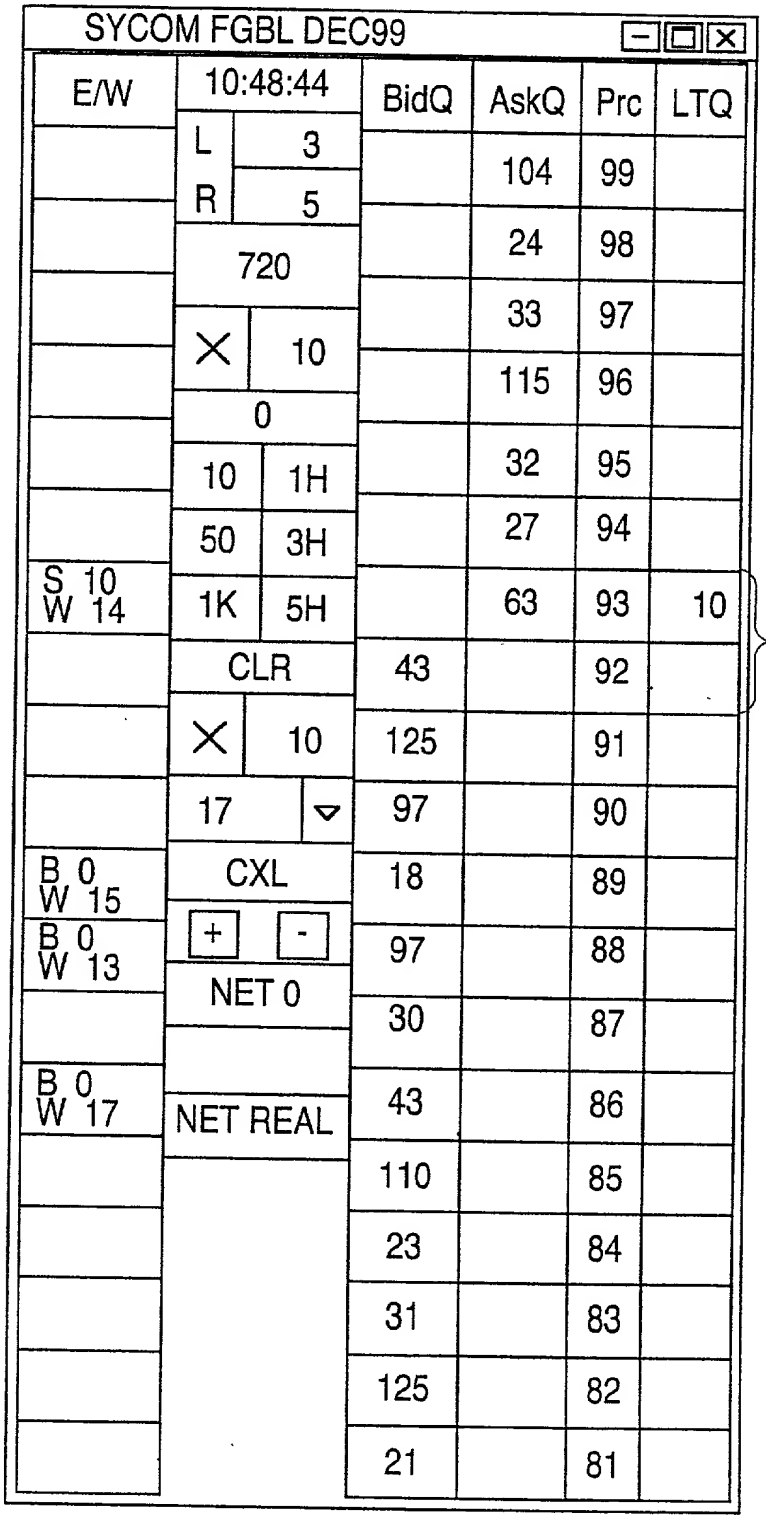
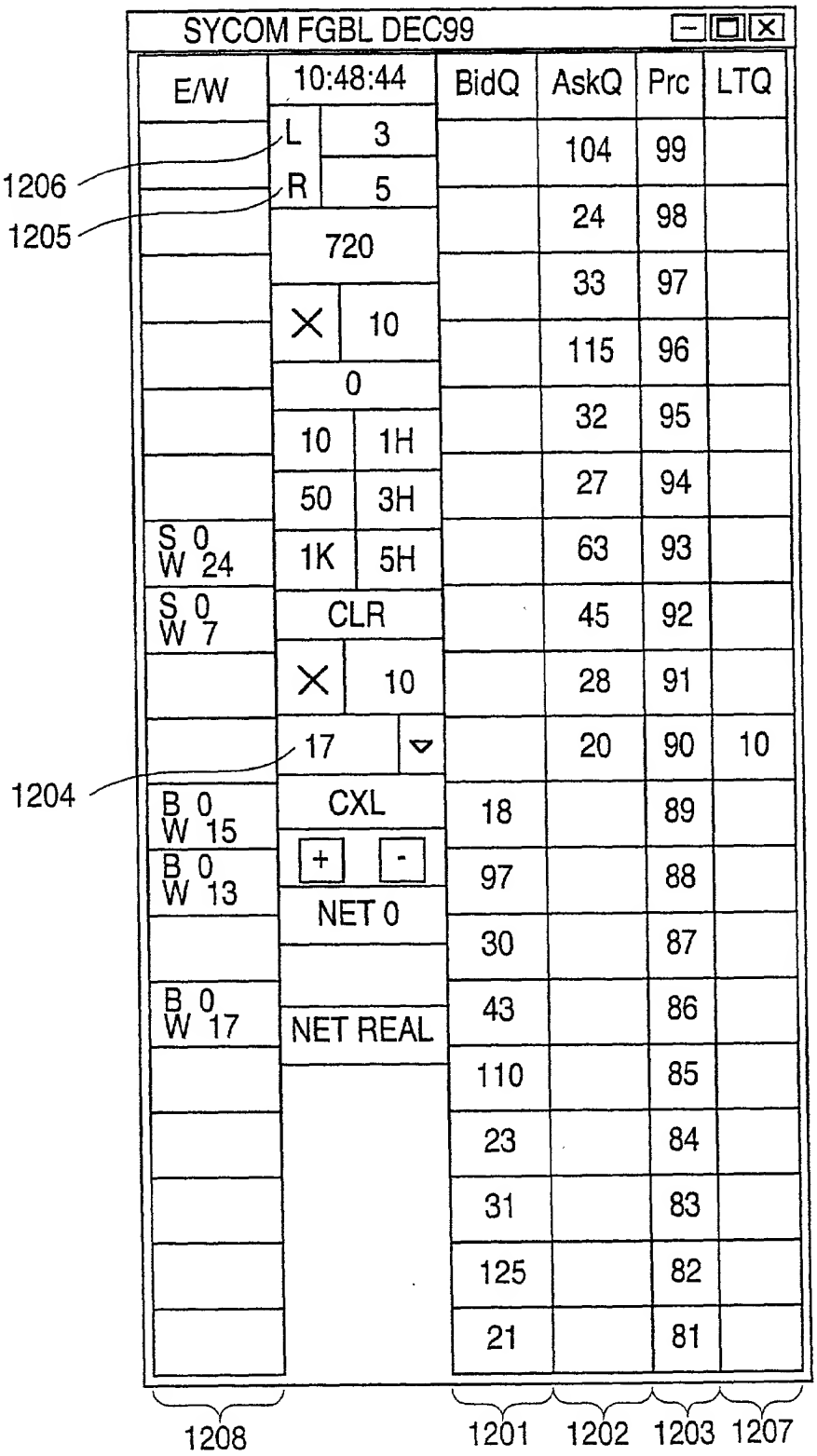

SYCOM FGBL DEC99
E/W
10:48:44
L 3
R 5
720
X 10
0
10 1H
50 3H
1K 5H
CLR
X 10
17
CXL
+ -
NET 0
NET REAL
S 10
W 14
B 0
W 15
B 0
W 13
B 0
W 17
BidQ
AskQ
Prc
LTQ
104 99
24 98
33 97
115 96
32 95
27 94
63 93 10
43 92
125 91
97 90
18 89
97 88
30 87
43 86
110 85
23 84
31 83
125 82
21 81
1101

FIG. 5


SYCOM FGBL DEC99
E/W
10:48:44
BidQ
AskQ
Prc
LTQ
L 3
R 5
720
10
0
10 1H
50 3H
1K 5H
CLR
10
17
CXL
+ -
NET 0
NET REAL
S 0 W 24
S 0 W 7
B 0 W 15
B 0 W 13
B 0 W 17
104 99
24 98
33 97
115 96
32 95
27 94
63 93
45 92
28 91
20 90 10
18 89
97 88
30 87
43 86
110 85
23 84
31 83
125 82
21 81
1206
1205
1204
1208
1201
1202
1203
1207

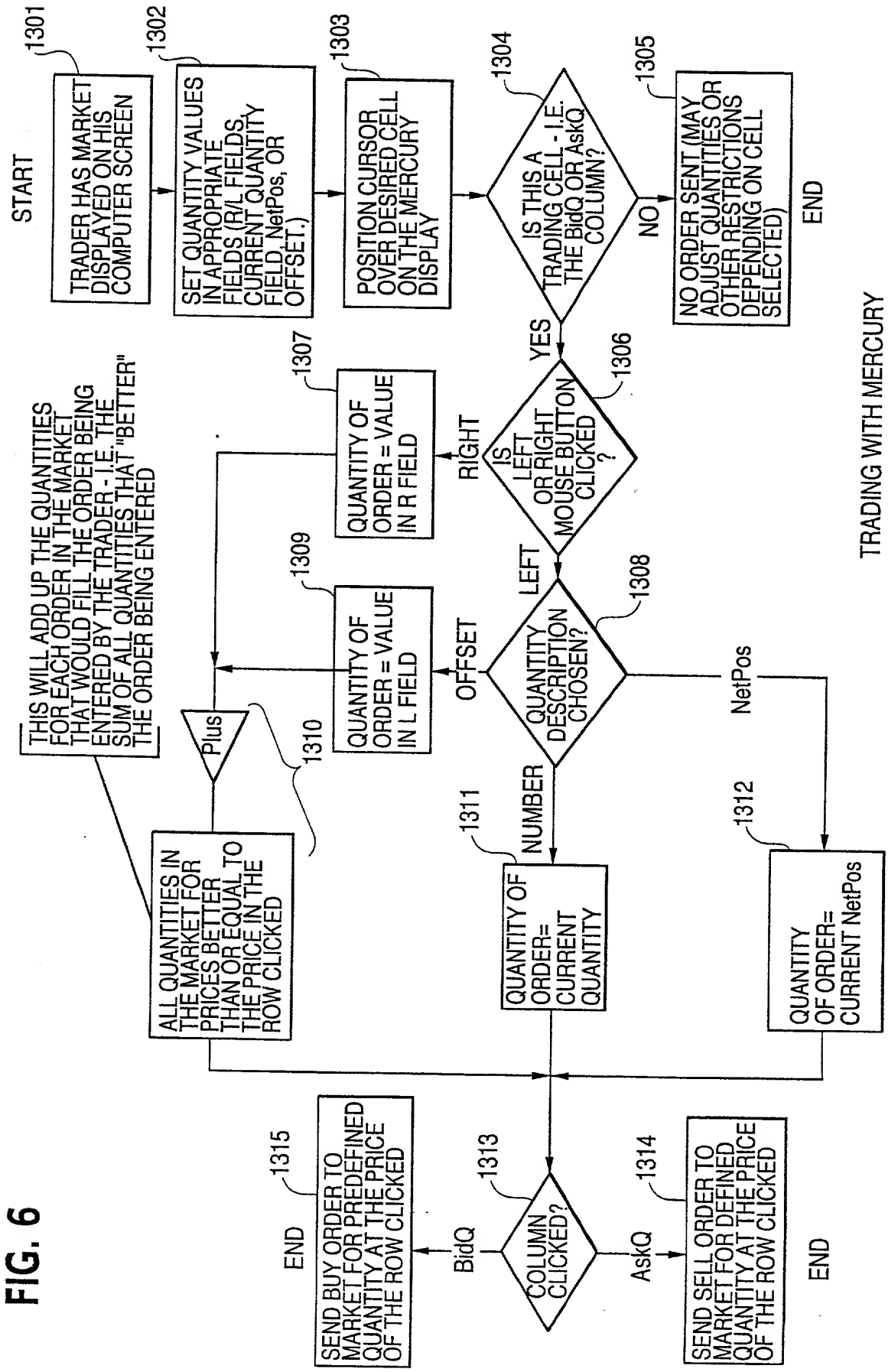

START
1301
TRADER HAS MARKET DISPLAYED ON HIS COMPUTER SCREEN
1302
SET QUANTITY VALUES IN APPROPRIATE FIELDS (R/L FIELDS, CURRENT QUANTITY FIELD, NetPos, OR OFFSET.)
1303
POSITION CURSOR OVER DESIRED CELL ON THE MERCURY DISPLAY
1304
IS THIS A TRADING CELL - I.E. THE BidQ OR AskQ COLUMN?
1305
NO
NO ORDER SENT (MAY ADJUST QUANTITIES OR OTHER RESTRICTIONS DEPENDING ON CELL SELECTED)
END
YES
1306
IS LEFT OR RIGHT MOUSE BUTTON CLICKED ?
RIGHT
1307
QUANTITY OF ORDER = VALUE IN R FIELD
LEFT
1308
QUANTITY DESCRIPTION CHOSEN?
OFFSET
1309
QUANTITY OF ORDER = VALUE IN L FIELD
NetPos
1310
Plus
THIS WILL ADD UP THE QUANTITIES FOR EACH ORDER IN THE MARKET THAT WOULD FILL THE ORDER BEING ENTERED BY THE TRADER - I.E. THE SUM OF ALL QUANTITIES THAT "BETTER" THE ORDER BEING ENTERED
ALL QUANTITIES IN THE MARKET FOR PRICES BETTER THAN OR EQUAL TO THE PRICE IN THE ROW CLICKED
NUMBER
1311
QUANTITY OF ORDER= CURRENT QUANTITY
1312
QUANTITY OF ORDER= CURRENT NetPos
1313
COLUMN CLICKED?
BidQ
AskQ
1314
SEND SELL ORDER TO MARKET FOR DEFINED QUANTITY AT THE PRICE OF THE ROW CLICKED
END
1315
SEND BUY ORDER TO MARKET FOR PREDEFINED QUANTITY AT THE PRICE OF THE ROW CLICKED
END
TRADING WITH MERCURY

FIG. 6

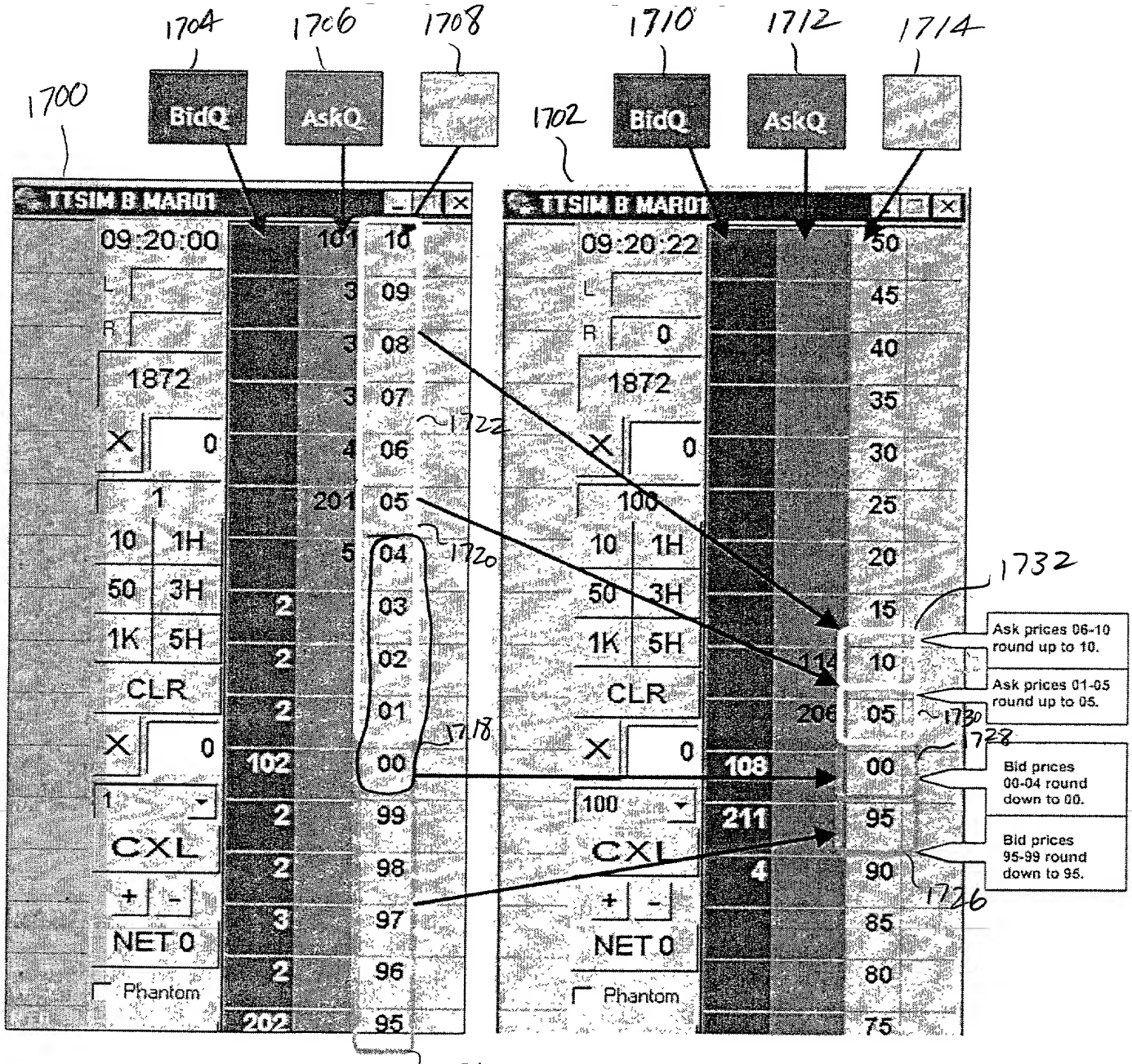


FIGURE 7A

FIGURE 7B

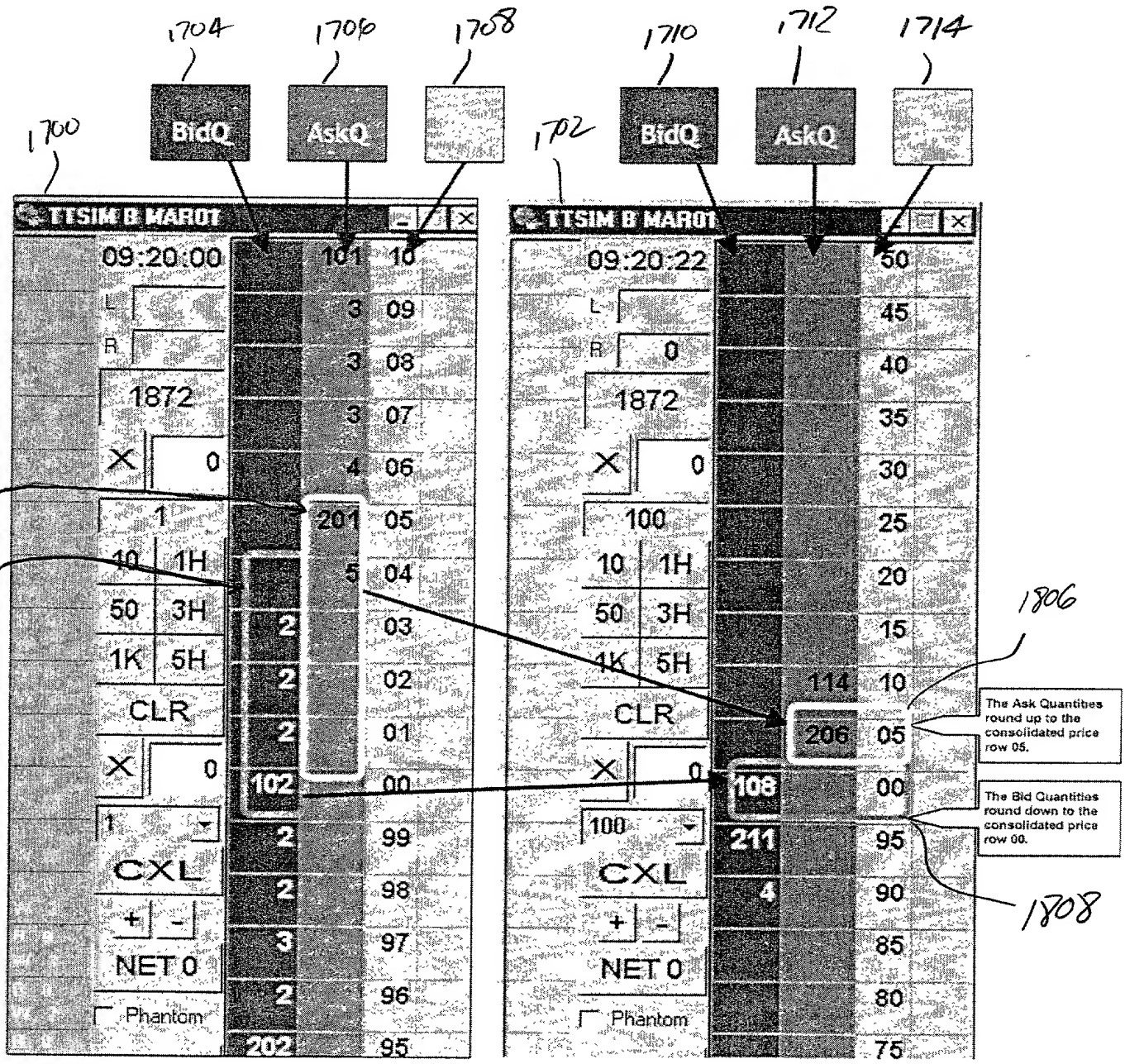


FIGURE 8A

FIGURE 8B

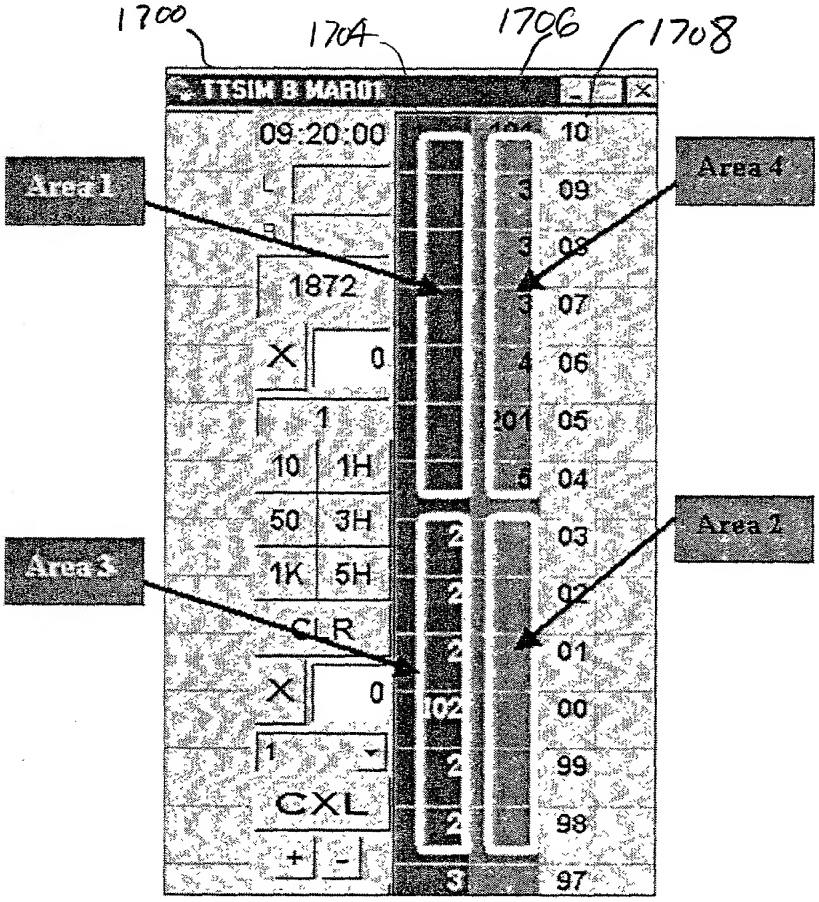

1700
1704
1706
1708
TTSIM 8 MAR01
09:20:00
Area 1
Area 2
Area 3
Area 4
1872
X
0
1
10
1H
50
3H
1K
5H
CLR
X
0
1
CXL
+
-
10
09
08
07
06
05
04
03
02
01
00
99
98
97

FIGURE 9

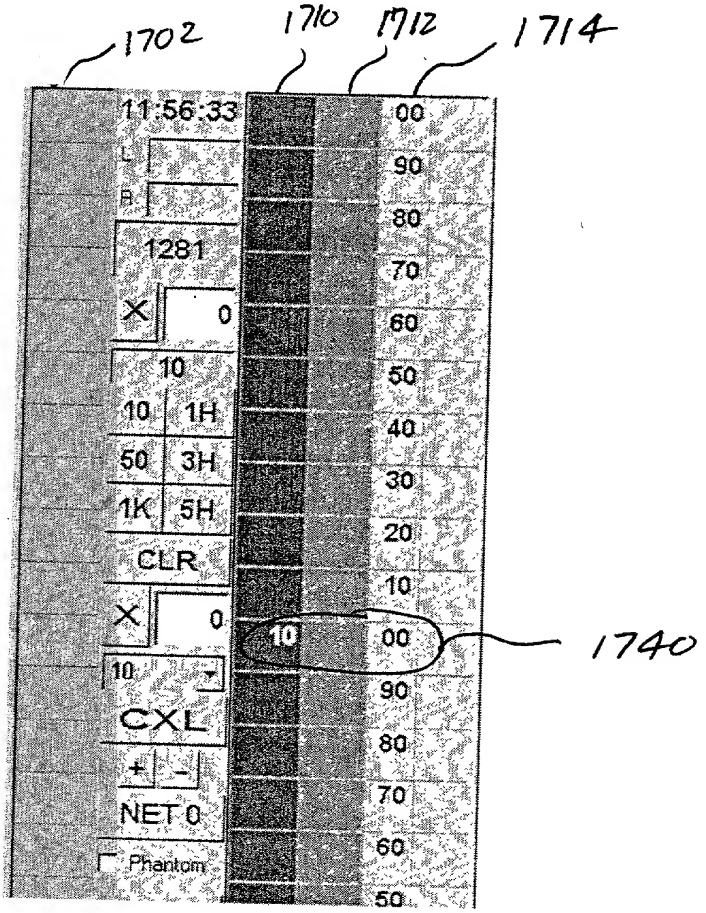


FIGURE 10

Express Mail Label No. EV 339138905 US

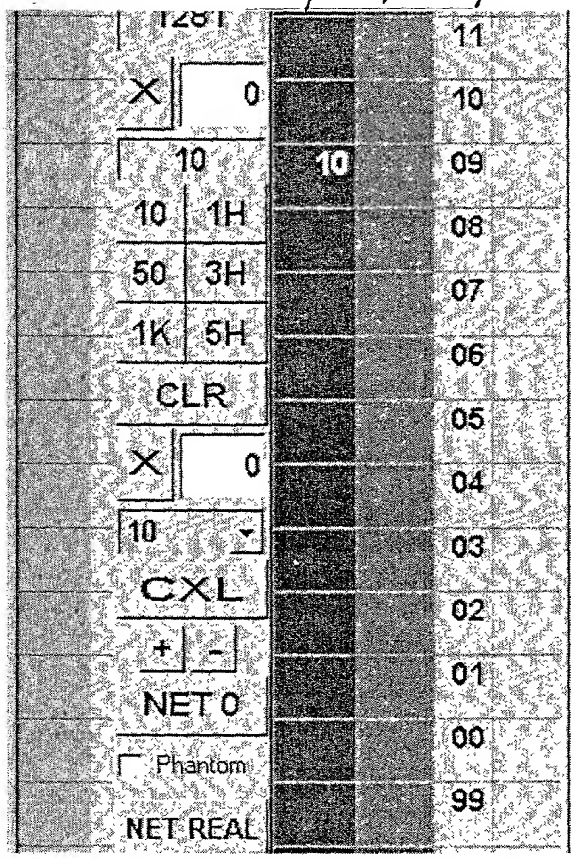


FIGURE 11

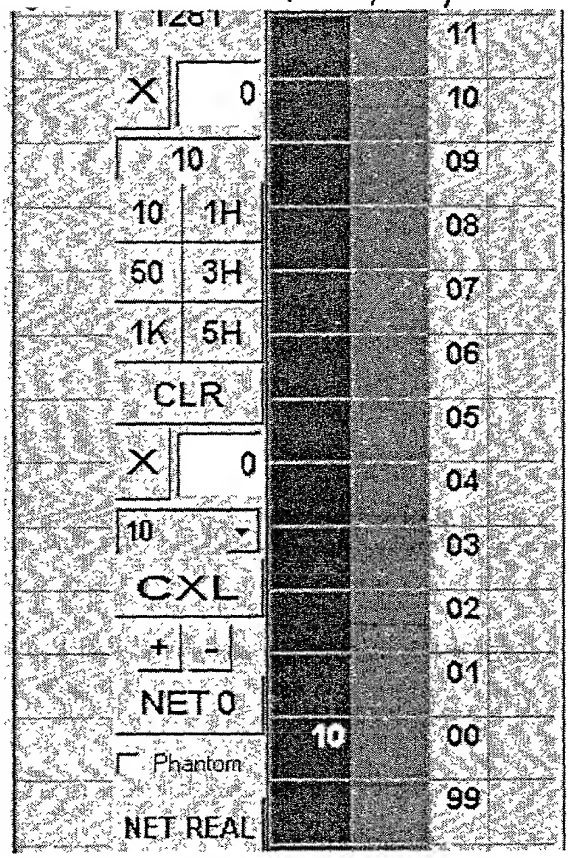


FIGURE 12

Page 38 of 68

Express Mail Label No. EV 045 480 760 US

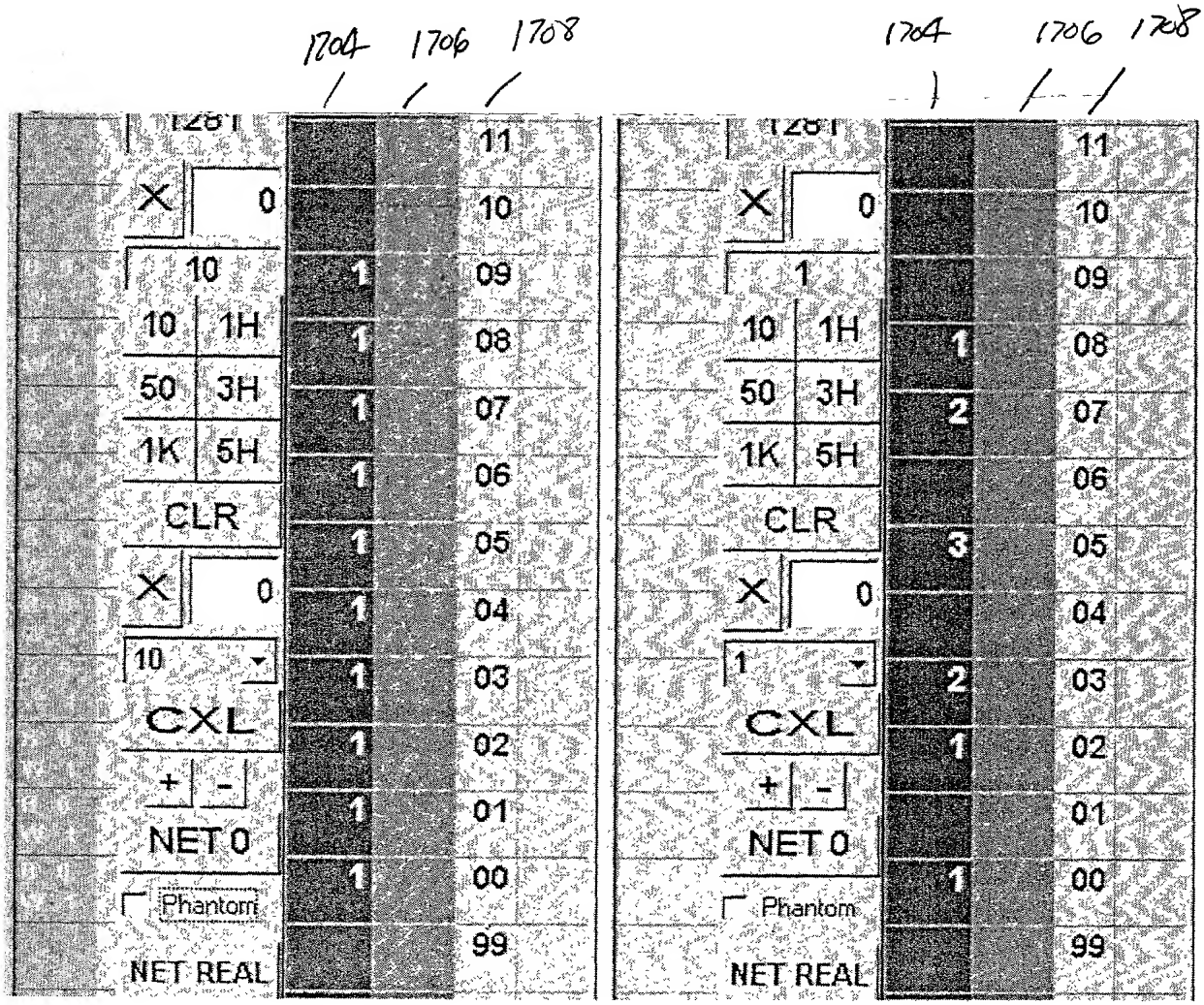


FIGURE 13

FIGURE 14

Page 28 of 45

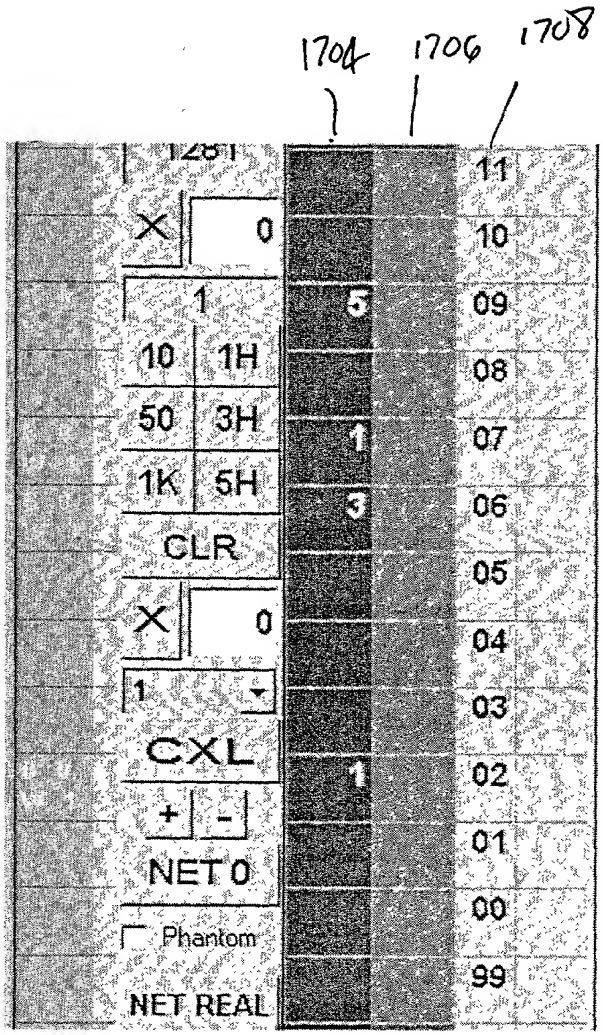


FIGURE 15

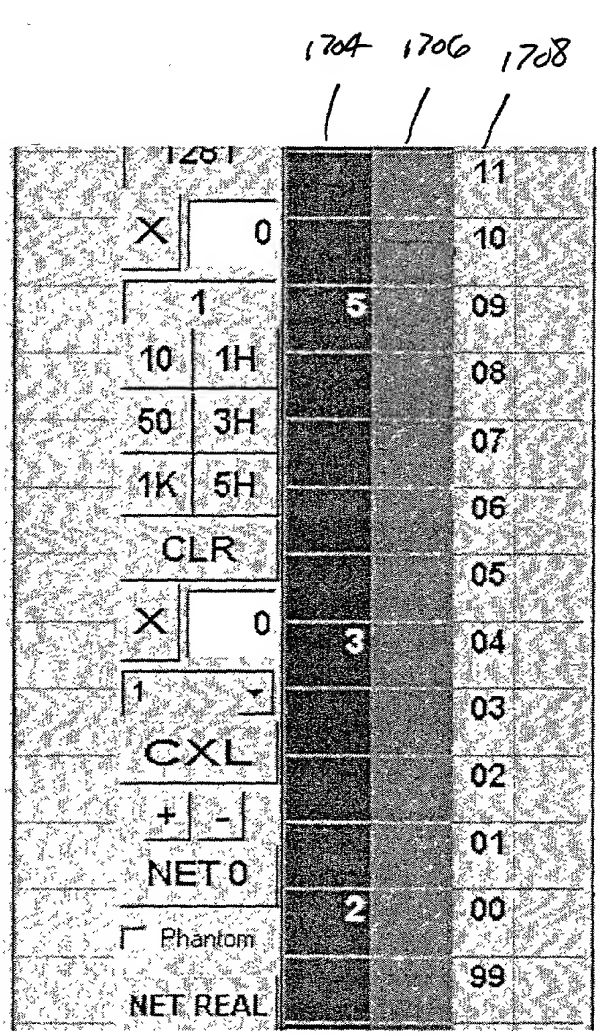


FIGURE 16

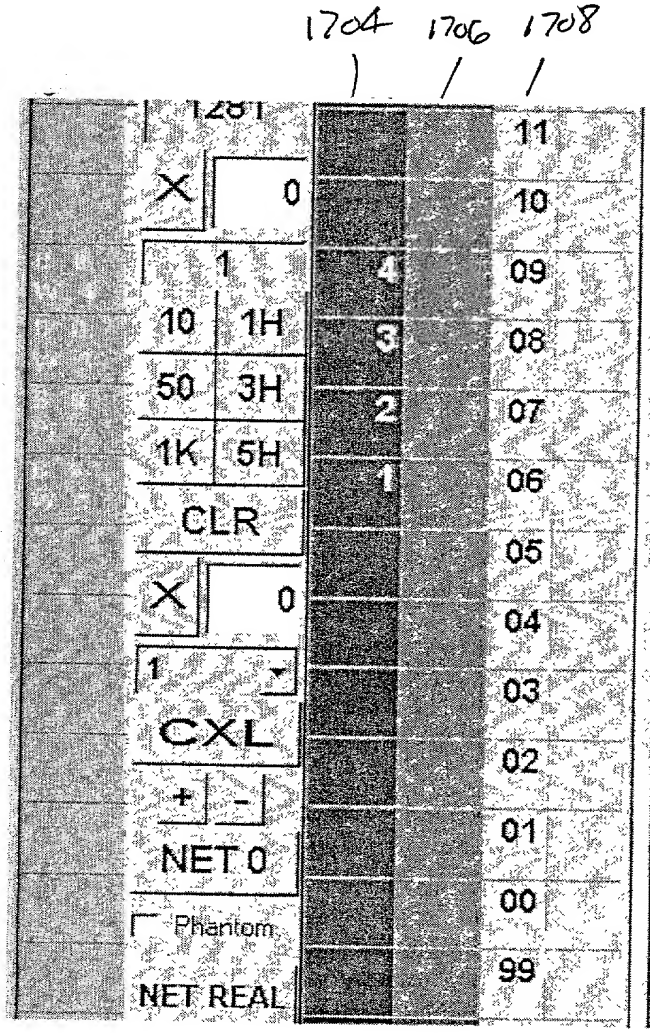


FIGURE 17

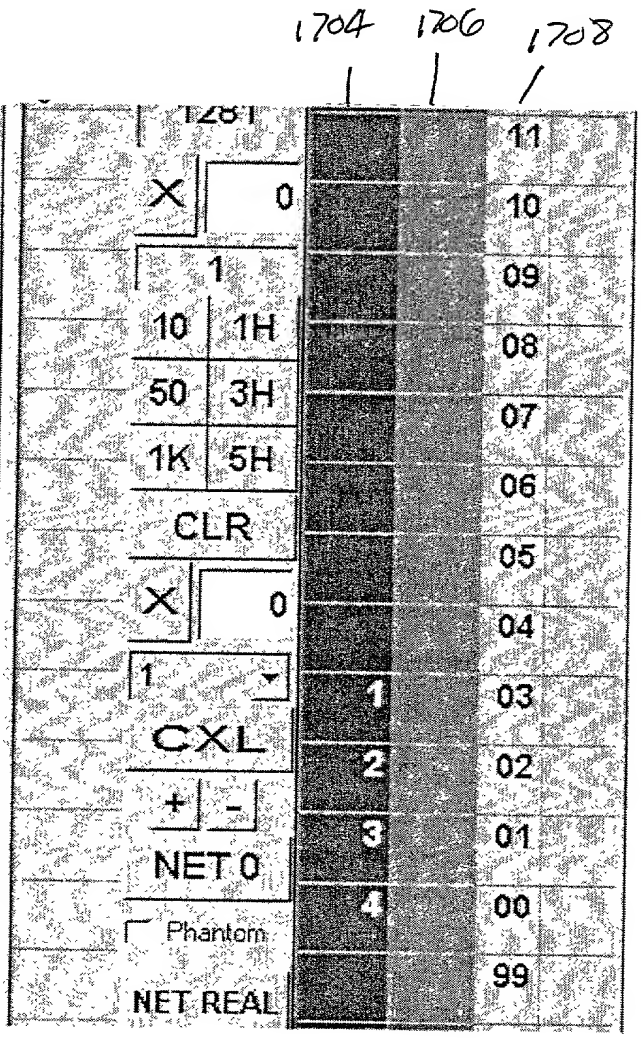


FIGURE 18

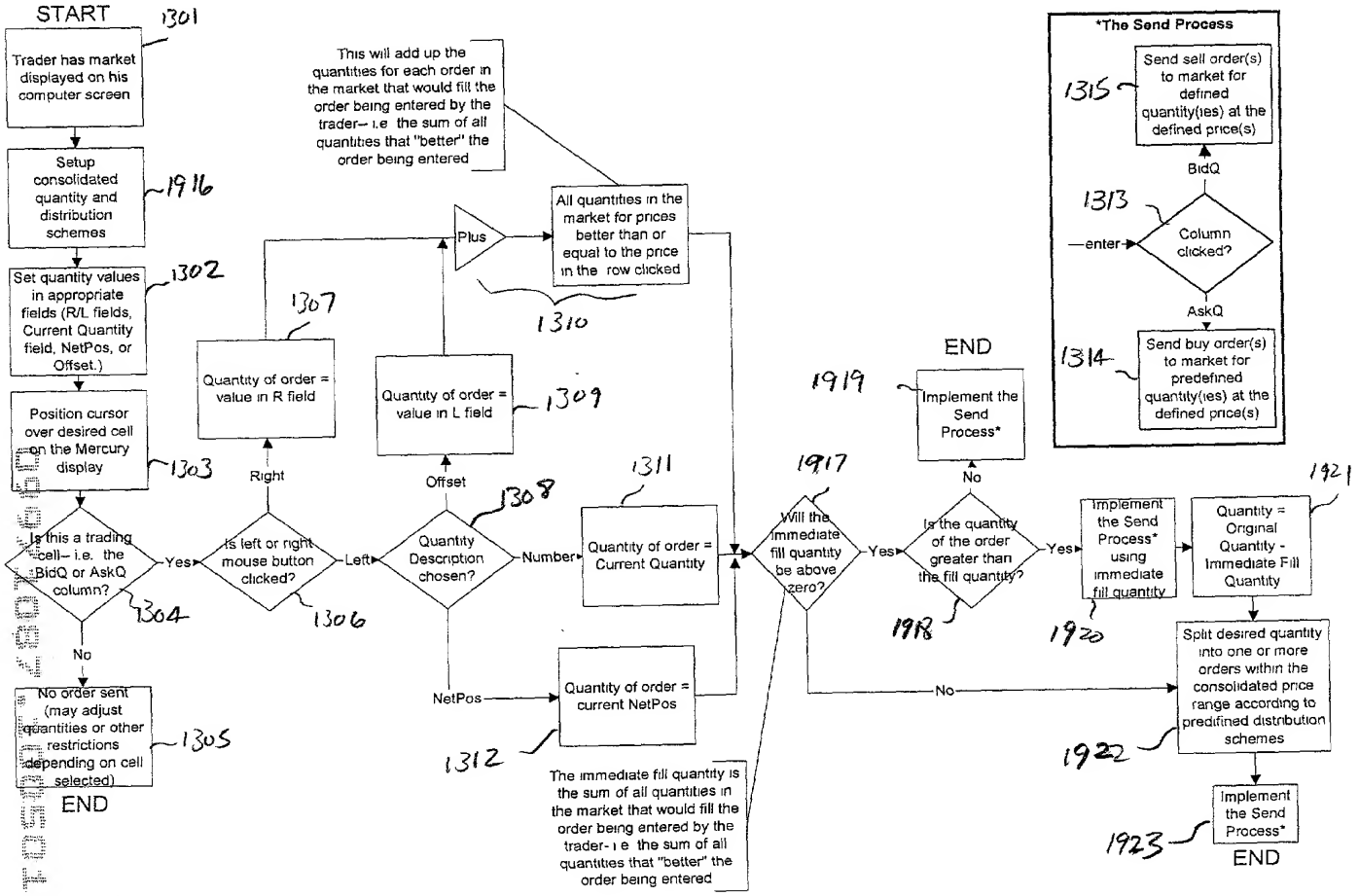

START
1301
Trader has market displayed on his computer screen
Setup consolidated quantity and distribution schemes
1916
Set quantity values in appropriate fields (R/L fields, Current Quantity field, NetPos, or Offset.)
1302
Position cursor over desired cell on the Mercury display
1303
Is this a trading cell– i.e. the BidQ or AskQ column?
1304
Yes
No
No order sent (may adjust quantities or other restrictions depending on cell selected)
1305
END
Is left or right mouse button clicked?
1306
Left
Right
Quantity of order = value in R field
1307
Plus
This will add up the quantities for each order in the market that would fill the order being entered by the trader– i.e the sum of all quantities that "better" the order being entered
All quantities in the market for prices better than or equal to the price in the row clicked
1310
Quantity Description chosen?
1308
Offset
Quantity of order = value in L field
1309
Number
NetPos
Quantity of order = current NetPos
1312
Quantity of order = Current Quantity
1311
The immediate fill quantity is the sum of all quantities in the market that would fill the order being entered by the trader- i e the sum of all quantities that "better" the order being entered
Will the immediate fill quantity be above zero?
1917
Yes
No
Is the quantity of the order greater than the fill quantity?
1918
Yes
Implement the Send Process* using immediate fill quantity
1920
Quantity = Original Quantity - Immediate Fill Quantity
1921
Split desired quantity into one or more orders within the consolidated price range according to predifined distribution schemes
1922
Implement the Send Process*
1923
END
END
1919
Implement the Send Process*
*The Send Process
Send sell order(s) to market for defined quantity(ies) at the defined price(s)
1315
BidQ
1313
enter
Column clicked?
AskQ
Send buy order(s) to market for predefined quantity(ies) at the defined price(s)
1314

FIGURE 19